

ABSTRACT OF THE DISCLOSURE

A first optical wave guide 36 and a second optical wave guide 40 are connected to both sides of a planer optical waveguide 32, respectively. The other ends 36b, 40b of the first and second optical wave guides 36, 40 are extended over an upper surface 20 of an optical wiring circuit board 18.

An electric wiring circuit 14 is connected to the other ends 36b, 40b of the first and second optical wave guides 36, 40, thereby constituting an optical wiring circuit 16. A plurality of optical wiring circuits 16 are superimposed on one another to thereby form an optical wiring circuits layered body 12.

The electric wiring circuit 14 can be connected from one surface of the optical wiring circuit board 18, which makes it possible to facilitate the connection thereof.